Form PTO-1449

Sheet 1 of 14

Applicant:

John Kanca 10/813,306

Att'y Docket No.: 7678.861

Serial No.:

March 30, 2004

Group: 3732

Filing Date:

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner Initial*	Patent Number	Issue Date	Name	Filing Date
<u> </u>	Des 361,382	08/15/1995	Brunsell et al.	10/14/1993
A2.	Des 385,051	10/04/1997	Wu	07/10/1996
A3.	Des 385,360	10/28/1997	Lieb et al.	02/20/1996
A4.	3,310,358	03/21/1967	Marcatili	05/01/1963
A5.	3,704,928	12/05/1972	Coombs et al.	12/05/1972
A6.	3,930,149	12/30/1975	French	05/28/1974
A7.	4,184,196	01/15/1980	Moret	01/15/1980
A8.	4,281,366	07/28/1981	Wurster et al.	02/25/1980
A9.	4,221,994	09/09/1980	Friedman et al.	11/09/1978
A10.	4,229,658	10/21/1980	Gonser	08/18/1978
A11.	4,245,890	01/20/1981	Hartman et al.	01/02/1979
A12.	4,266,535	05/12/1981	Moret	04/12/1979

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 2 of 14

Applicant: Scrial No.:

John Kanca 10/813,306

Atr'y Docket No.: 7678.861

Group: 3732

Filing Date:

March 30, 2004

Confirmation No. 3657

For:

BAILL LENS FOR USE WITH DENTAL CURING LIGHT

O L A13.	4,309,617	01/05/1982	Long	07/24/1980
A14.	4,348,180	09/07/1982	Schuss	09/07/1982
A15.	4,392,827	07/12/1983	Martin	11/04/1981
A16.	4,522,594	06/11/1985	Stark et al.	06/11/1985
A17.	4,611,992	09/16/1986	Lokken	11/02/1984
A18.	4,666,405	05/19/1987	Ericson	02/22/1984
A19.	4,666,406	05/19/1987	Kanca, III	01/13/1984
A20.	4,682,950	07/28/1987	Dragan	10/30/1985
A21.	4,698,730	10/06/1987	Sakai et al.	10/06/1987
A22.	4,733,937	03/29/1988	Lia et al.	10/17/1986
A23.	4,836,782	06/06/1989	Gonser	05/06/1983
A24.	4,935,665	06/19/1990	Murata	11/07/1988
A25.	4,948,215	08/14/1990	Friedman	08/10/1989
A26.	4,963,798	10/16/1990	McDermott	02/21/1989
A27.	4,992,045	02/12/1991	Beisel	10/28/1988
A28.	5,017,140	05/21/ 1991	Ascher	05/15/1989

Examiner.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 3 of 14

Applicant: Serial No.: John Kanca 10/813,306

Att'y Docket No.: 7678.861

March 30, 2004

Group: 3732

Filing Date:
Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

•			•	
MA29.	5,013,144	05/07/1991	Silverglate et al.	07/23/1990
A30.	5,013,240	05/07/1991	Bailey et al.	06/19/1990
A31.	5,043,634	08/27/1991	Rothwell, Jr. et al.	06/27/1988
A32.	5,071,222	12/10/1991	Laakmann et al.	04/24/1990
A33.	5,115,761	05/26/1992	Hood	10/09/1990
A34.	5,123,845	06/23/1992	Vassiliadis et al.	05/28/1991
A35.	5,139,495	08/18/1992	Daikuzono	01/12/1990
A36.	5,161,879	11/10/1992	McDermott	04/10/1991
A37.	5,275,564	01/04/1994	Vassiliadis et al.	02/12/1992
A38,	5,285,318	02/08/1994	Gleckman	06/22/1 992
A39.	5,288,231	02/22/1994	Kuehn et al.	03/08/1993
A40.	5,290,169	03/01/1994	Friedman et al.	11/02/1992
A41.	5,312,249	05/17/1994	Kennedy	10/05/1992
A42.	5,328,368	07/12/1994	Lansing et al.	04/20/1992
\A43.	5,348,552	09/20/1994	Nakajima et al.	08/26/ 1992
A44.	5,371,826	12/06/1994	Friedman	08/27/1993

Examiner: Date Considered: 9/9/15

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 4 of 14

Applicant: Serial No.:

John Kanca 10/813,306

All'y Docket No.: 7678.861

Group: 3732

Filing Date:
Confirmation No.

March 30, 2004

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

12 A45.	5,382,799	01/17/1995	May	12/14/1993
A46.	5,388,988	02/14/1995	Goisser et al.	08/02/1993
A47.	5,397,892	03/14/1995	Abdelqader	01/07/1994
A48.	5,415,543	05/16/1995	Rozmajzl, Jr.	12/20/1993
A49.	5,420,768	05/30/1995	Kennedy	09/13/1993
A50.	5,448,323	09/05/1995	Clark et al.	12/23/1993
A51.	5,457,611	10/10/1995	Verderber	07/09/1993
A52.	5,485,317	01/16/1996	Perissinotto et al.	10/08/1993
A53.	5,521,392	05/28/1996	Kennedy et al.	04/29/1994
A54.	5,527,261	06/18/1996	Monroe et al.	12/29/1994
A55.	5,616,141	04/01/1997	Cipolla	01/11/1996
A56.	5,634,711	06/03/1997	Kennedy et al.	09/13/1994
A57.	5,660,461	08/26/1997	Ignatius et al.	12/08/1994
A58.	5,669,769	09/23/1997	Discl	05/03/1996
Λ59.	5,698,866	12/16/1997	Doiron et al.	05/28/1996
A60.	5,711,665	01/27/1998	Adam et al.	12/19/1995
		,		
Examiner:	Math		Date Considered:	8/19/5

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 5 of 14

Applicant:

John Kanca 10/813,306

Att'y Docket No.: 7678.861

Serial No.: Filing Date:

March 30, 2004

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

	_		the state of the s	
M A61	. 5,733,029	03/31/1998	Monroe	09/22/1995
A62	. 5,749,724	05/12/1998	Cheng	05/12/1997
A63	. 5,759,032	06/02/1998	Bartel	07/24/1996
A64	5,762,605	06/09/1998	Cane et al.	11/30/1995
A65	5,768,458	06/16/1998	Ro et al.	11/05/1996
Λ66	5,772,643	06/30/1998	Howell et al.	02/29/1996
A67	7. 5,782,553	07/21/1998	McDermott	10/28/1993
A68	3. 5,791,898	08/11/1998	Maissami	06/23/1997
A69	5,797,740	08/25/1998	Lundvik	04/16/1997
A70	5,803,729	09/08/1998	Tsimerman	07/17/1996
A71	5,880,839	03/09/1999	Ishizuka et al.	10/14/1997
Å77	2. 5,885,082	03/23/1999	Levy	06/03/1991
A7:	3, 5,905,268	05/18/1999	Garcia et al.	04/21/1997
A74	4. 5,908,294	06/01/1999	Schick et al.	06/12/1997
A7:	5. 5,908,295	06/01/1999	Kawata	05/28/1998
A70	6. 5,912,470	06/15/1999	Bibofner et al.	09/05/1997

^{*}EXAMINER: Imital if reference considered, whether or not clinion is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 6 of 14

Applicant: Serial No.: John Kanca 10/813,306

Att'y Docket No.: 7678.861

Filing Date:

March 30, 2004

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

M A	77.	5,921,777	07/13/1999	Doman	06/26/1998
A	78.	5,971,755	10/26/1999	Licbermann et al.	08/26/1997
A	79.	5,975,895	11/02/1999	Sullivan	11/12/1997
A	80.	6,001,058	12/14/1999	Sano et al.	11/24/1997
·A	81.	6,008,264	12/28/1999	Ostler et al.	04/27/1998
A	82.	6,019,482	02/01/2000	Everett	10/15/1998
A	83.	6,019,599	02/01/2000	Völcker et al.	08/06/1998
A	84.	6,028,694	02/22/2000	Schmidt	05/22/1998
A	85.	6,033,087	03/07/2000	Shozo et al.	12/23/1997
A	86.	6,033,223	03/07/2000	Narusawa et al.	09/18/1997
A	87.	6,036,336	03/14/2000	Wu	05/08/1998
A	.88.	6,059,421	05/09/2000	White et al.	02/27/1998
A	.89.	6,068,474	05/30/2000	Senn et al.	01/26/1999
A	90.	6,077,073	06/20/2000	Jacob	09/15/1998
A	.91.	6,086,366	07/11/2000	Mueller et al.	09/11/1996
A	.92.	6,089,740	07/18/2000	Forehand et al.	01/08/1998

Examiner: Date Considered: 6/19/8

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 7 of 14

Applicant:

John Kanca

· Att'y Docket No.: 7678.861

Serial No.:

10/813,306 March 30, 2004

Filing Date: Confirmation No.

Group: 3732

For: .

3657

BALL LENS FOR USE WITH DENTAL CURING LIGHT

/2 A93.	6,095,661	08/01/2000	Lebens et al.	03/19/1998
A94.	6,095,812	08/01/2000	Senn et al.	03/01/1999
A95.	6,099,520	08/08/2000	Shimoji	06/30/1998
A96.	6,102,696	08/15/2000	Osterwalder et al.	04/30/1999
A97.	6,103,203	08/15/2000	Fischer	08/15/1997
A98.	6,123,545	09/26/2000	Eggler et al.	04/07/1999
A99.	6,155,823	12/05/2000	Nagel	06/18/1999
A100.	6,159,005	12/12/2000	Herold et al.	05/15/1998
A101.	6,200,134	03/13/2001	Kovac et al.	01/20/1998
A102.	6,208,788	03/27/2001	Nosov	07/26/1998
A103.	6,270,343	08/07/2001	Martin	01/07/2000
A104.	6,280,187	08/28/2001	Stone	02/11/2000
A105.	6,282,013	08/28/2001	Ostler et al.	04/27/1998
A106.	6,318,996	11/20/2001	Melikechi et al.	10/05/1999
A107.	6,322,358	11/27/2001	Senn et al.	03/01/1999
A108.	6,325,623	12/04/2001	Melnyk et al.	03/31/2000

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 8 of 14

Applicant: Serial No.: John Kanca 10/813,306

Att'y Docket No.: 7678.861

Filing Date:

March 30, 2004

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

M A109.	6,328,456	12/11/2001	Mize	03/24/2000
A110.	6,331,111	12/18/2001	Cao	09/24/1999
A111.	6,361,192	03/26/2002	Fussell et al.	10/25/1999
A112.	6,361,489	03/26/2002	Tsai	09/30/1999
A113.	6,398,398	06/04/2002	Moschkowitz	02/18/1999
A114.	6,402,511	06/11/2002	Calderwood	02/01/1999
A115.	6,417,917	07/09/2002	Jung et al.	01/08/2001
A116.	6,419,483	07/16/2002	Adam et al.	03/01/2000
. A117.	6,439,888	08/27/2002	Boutoussov et al.	05/03/1999
A118.	6,465,961	10/15/2002	Cao	08/24/2001
A119.	6,468,077	10/22/2002	Mclikechi et al.	04/26/2001
A120.	6 , 478 ,447	11/12/2002	Yen	11/23/1999
A121.	6,482,004	11/16/2002	Senn et al.	03/24/2000
A122.	6,485,301	11/26/2002	Gemunder et al.	01/24/2001
A123.	6,511,317	01/28/2003	Melikechi et al.	04/26/2001
A124.	6,511,321	01/28/2003	Trushkowsky et al.	11/20/2000
	1			~/ /
ruamiani /N		1	Date Considered:	0166

Date Considered: 8 (19/05

^{*}BXAMINER: Initial if reference considered, whether or not cliation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 9 of 14

Applicant:

John Kanca 10/813,306

Att'y Docket No.: 7678.861

Scrial No.: Filing Date:

March 30, 2004

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

	_			
(1) A125.	6,514,075	02/04/2003	Jacob	09/08/2000
A126.	6,611,110	08/26/2003	Fregoso	07/17/2001
A127.	6,692,251	02/17/2004	Logan et al.	08/04/2000
A128.	6,692,252	02/17/2007	Scott	12/17/2001
A129.	6,709,128	03/23/2004	Gordon et al.	03/25/2002
A130.	6,719,558	04/13/2004	Cao	02/11/2002
A131.	6,719,559	04/13/2004	Cao	02/12/2002
A132.	6,755,648	06/29/2004	Cao	02/04/2002
A133.	6,755,649	06/29/2004	Cao	02/05/2002
▼				

Patent Application Publication

Examiner Initial*	Publication Number	Publication Date	Name	Filing Date
A134.	US 2001/0038992 A1	11/08/2001	Otsuka -	04/23/2001
A135.	US 2001/0046652 A1	11/29/2001	Ostler et al.	03/07/2001
A136.	US 2001/0055451 A1	12/27/2001	Kuhara et al.	04/06/2001
A137.	US 2001/0055451 A1	12/27/2001	Kuhara et al.	12/27/2001

Examiner:

Date Considered:

•BXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 10 of 14

Applicant: Serial No.:

John Kanca 10/813,306

Att'y Docket No.: 7678.861

Filing Date:

March 30, 2004

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

M_ A138.	US 2002/0073921 A1	06/20/2002	Russell et al.	09/18/2001
A139.	US 2002/0085372 A1	07/04/2002	Lehrer	12/28/2000
A140.	US 2002/0093833 A1	07/18/2002	West	11/28/2001
A141.	US 2002/0115037 A1	08/22/2002	Cao	12/13/2001
A142.	US 2002/0133970 A1	09/26/2002	Gordon et al.	03/25/2002
A143.	US 2002/0147383 A1	10/10/2002	Weber et al.	04/04/2002
A144.	US 2002/0163317 A1	11/07/2002	Cao	01/05/2002
A145.	US 2002/0167283 A1	11/14/2002	Cao	02/05/2002
A146.	US 2002/0168306 A1	11/14/2002	Cao	12/13/2001
A147.	US 2002/0168604 A1	11/14/2002	Cao	02/05/2002
A148.	US 2002/0168605 A1	11/14/2002	Cao	02/06/2002
A149.	US 2002/0168606 A1	11/14/2002	Cao	02/05/2002
A150.	US 2002/0168607 A1	11/14/2002	Cao	02/11/2002
A151.	US 2002/0168608 A1	11/14/2002	Cao	02/11/2002
A152.	US 2002/0172912 A1	11/21/2002	Cao	02/06/2002 .
A153.	US 2002/0172913 A1	11/21/2002	. Cao	01/05/2002

Examiner: Date Considered: \$1/9/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 11 of 14

Applicant: Serial No.: John Kanca

10/813,306

Att'y Docket No.: 7678.861

Group: 3732

Filing Date:

March 30, 2004 3657

Confirmation No. 365

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

//_A154.	U\$ 2002/0172914 A1	11/21/2002	Cao	01/05/2002
A155.	US 2002/0172915 A1	11/21/2002	Cao	02/05/2002
A156.	US 2002/0172916 A1	11/21/2002	Cao	02/06/2002
A157.	US 2002/0172917 A1	11/21/2002	Cao	02/11/2002
A158.	US 2002/0175352 A1	11/28/2002	Cao	07/03/2002
A159.	US 2002/0175628 A1 .	11/28/2002	Cao	07/03/2002
A160.	US 2002/0177095 A1	11/28/2002	Cao	02/04/2002
A161.	US 2002/0177096 A1	11/28/2002	Cao	02/11/2002
A162.	US 2002/0177099 A1	11/28/2002	Cao	07/03/2002
A163.	US 2002/0180368 A1	12/05/2002	Cao	07/03/2002
A164.	US 2002/0181947 A1	12/05/2002	Cao	02/05/2002
A165.	US 2002/0182561 A1	12/05/2002	Cao	02/05/2002
A166.	US 2002/0182562 A1	12/08/2002	Cao	01/05/2002
A167.	US 2002/0187454 A1	12/12/2002	Melikochi et al.	04/26/2001
A168.	US 2002/0187455 A1	12/12/2002	Melikechi et al.	04/26/2001
A169.	US 2002/0190659 A1	12/19/2002	Cao	07/03/2002

Examiner: Date Considered: 8/19/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 12 of 14

Applicant: Serial No.: John Kanca 10/813,306

Att'y Docket No.: 7678.861

Filing Date:

March 30, 2004

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

AR A170.	US 2002/0190660 A1	12/19/2002	Cao	07/03/2002
A171.	US 2002/0197582 A1	12/26/2002	Cao	12/13/2001
A172.	US 2003/0001507 A1	01/02/2003	Cao	02/12/2002
A173.	US 2003/0036031 A1	02/20/2003	Lieb et al.	05/15/2002
A174.	US 2003/0038291 A1	02/27/2003	Cao	08/24/2001
A175.	US 2003/0039119 A1	02/27/2003	Cao	08/24/2001
A176.	US 2003/0039120 A1	02/27/2003	Cao	08/24/2001
A177.	US 2003/0039122 A1	02/27/2003	Cao	08/24/2001
A178.	US 2003/0040200 A1	02/27/2003	Cao	08/24/2001
A179.	US 2003/0081430 A1	05/01/2003	Becker	10/30/2001
A180.	US 2003/0133203 A1	07/17/2003	McLean et al.	01/11/2002
A181.	US 2003/0133298 A1	07/17/2003	Cao	07/03/2002
A182.	US 2003/0142413 A1	07/31/2003	McLean et al.	12/23/2002
A183.	US 2003/0147254 A1	08/07/2003	Yoneda et al.	12/03/2002
A184.	US 2003/0147258 A1	08/07/2003	Fischer et al.	02/05/2002
A185.	US 2003/0148242 A1	08/07/2003	Fischer et al.	02/05/2002

Examiner: Date Considered: 8/19/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 13 of 14

Applicant: Serial No.: John Kanca

10/813,306

Att'y Docket No.: 7678.861

Group: 3732

Filing Date:

March 30, 2004

Confirmation No.

For:

3657

BALL LENS FOR USE WITH DENTAL CURING LIGHT

AL A186.	US 2003/0152885 A1	08/14/2003	Dinh	11/26/2001
A187.	US 2003/0186195 A1	10/02/2003	Comfort et al.	05/07/2002
A188.	US 2003/0215766 A1	11/20/2003	Fischer et al.	04/25/2003
A189.	US 2003/0218880 A1	11/27/2003	Brukilacchio	12/30/2002
A190.	US 2003/0219693 A1	11/27/2003	Cao	12/13/2001
A191.	US 2003/0219694 A1	11/27/2003	Bianchetti et al.	05/24/2002
A192.	US 2003/0235800 A1	12/25/2003	Qadar	07/24/2002
A193.	US 2004/0033033 A1	02/19/2004	Hoshino et al.	06/12/2003
ļ				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPBP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

Sheet 14 of 14

Applicant:

John Kanca 10/813,306

Serial No.: Filing Date:

March 30, 2004

All'y Docket No.: 7678.861

Group: 3732

Confirmation No.

3657

For:

BALL LENS FOR USE WITH DENTAL CURING LIGHT

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1,98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

W:\7678\861\CM0000004673V001.doc

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.